

Syensqo unveils AI-designed, bio-sourced innovation to advance scalp care

This new active responds to rising demand for solutions that hydrate and soothe the scalp, supporting the skinification of hair care

Brussels, March 24, 2026

Syensqo announced today the launch of [Re2 Coffea Arabica Peptide](#), a new scalp care active developed by Bota Biosciences. This achievement reflects the strength of the [strategic partnership](#) established between the two companies in 2025 and highlights their shared ambition to bring breakthrough, science-driven solutions to the personal care market.

Re2 Coffea Arabica Peptide is derived from upcycled coffee grounds responsibly sourced from a coffee plantation in Pu'er, Yunnan, China. In addition to supporting overall scalp health, the solution is designed to meet growing consumer demand for scalp hydration and soothing, currently the top benefits sought in scalp care, supporting the broader shift toward [skin care](#)-inspired approaches in [hair care](#).

The ingredient's performance is built into its peptide design. Bota leveraged its integrated physical AI-driven Biofoundry platform to screen natural coffee proteins and identify the peptide sequences that are most beneficial for scalp health. Peptides of interest were produced through enzymatic digestion¹ and combined into Re2 Coffea Arabica Peptide, an ingredient designed to deliver multiple scalp benefits, including improved hydration and softness, enhanced barrier function, reduced Transepidermal Water Loss (TEWL) and redness, and anti-inflammatory activity.

"With Re2 Coffea Arabica Peptide, we continue to expand our hair actives portfolio in line with our strategy. This sustainably sourced, AI-developed ingredient delivers multifunctional benefits for scalp health, enabling brands to address multiple consumer

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¹Natural process that uses enzymes to break proteins into smaller peptide fragments.

needs with a single solution. It sets a new benchmark for holistic scalp performance that remains unique in today's market," said Vincent Miralles, Hair Care Global Segment Leader at Syensqo.

The launch of Re2 Coffea Arabica Peptide marks a step forward in Syensqo and Bota Biosciences' collaboration and demonstrates the commercial readiness of Bota's physical-AI-driven Biofoundry platform. Together, Syensqo, supported by its [Renewable Materials & Biotechnology platform](#), and Bota Biosciences are unlocking new possibilities in the hair and scalp care market through science.

About Syensqo

Syensqo is a science company developing groundbreaking solutions that enhance the way we live, work, travel and play. Inspired by the scientific councils which Ernest Solvay initiated in 1911, we bring great minds together to push the limits of science and innovation for the benefit of our customers, with a diverse, global team of more than 13,000 associates in 30 countries.

Our solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices and healthcare applications. Our innovation power enables us to deliver on the ambition of a circular economy and explore breakthrough technologies that advance humanity.

Learn more at www.syensqo.com.

About Bota Biosciences

Bota Biosciences is a global leader in Physical AI-driven biomanufacturing, dedicated to making biotechnology a reliable and scalable engine of productivity. By integrating end-to-end capabilities in AI, synthetic biology, and industrialization, Bota pioneers a new paradigm in biomanufacturing research and production. Bota Biosciences' world-leading Physical-AI driven biofoundry platform spans strain engineering, process development, and scale-up production—translating complex biology into scalable solutions for diverse industries, from food and nutrition to personal care and beyond. Bota partners with global customers to deliver greener, more efficient bio-solutions, accelerating industry-wide adoption and the transition to a sustainable future.

For more information, visit www.bota.bio.

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